

I hereby certify that, on the date shown below, this correspondence is being transmitted via the Patent Electronic Filing System (EFS) at the United States Patent and Trademark Office.

Date of Signature and Deposit: October 31, 2007


Bennett J. Benson

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): James A. Thomson
Timothy J. Kamp
Yue Ma
Jia-Qiang He

Date: October 31, 2007

Serial No.: 10/627,245

Group Art Unit: 1636

Filed: 07/25/2003

Examiner: Daniel M. Sullivan

Title: FUNCTIONAL CARDIOMYOCYTES
FROM HUMAN EMBRYONIC STEM CELLS

File No.: 960296.99179

RESPONSE

Mail Stop AF
Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to a final Office Action mailed July 11, 2007, in the file of the above-identified application, please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.